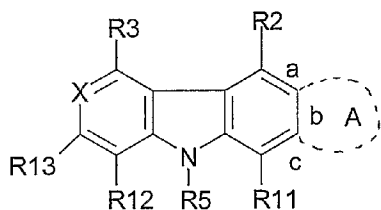


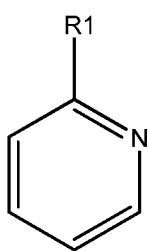
IN THE CLAIMS

1. (currently amended) A method of treating a disease related to a pre-messenger RNA splicing process within a cell wherein said disease is Frasier syndrome, frontotemporal dementia related to chromosome 17 (a form of Parkinson's), Leigh syndrome (a type of encephalopathy), atypical cystic fibrosis, a certain neuropathology related to Tau protein mutation, Alzheimer's disease, amyotrophy that influences the SMN (survival motor neuron) gene, depression related to disturbances in serotonin splicing and AIDS, comprising administering to a patient in need thereof a medicine comprising a compound of benzo-indole or pyrido-indole derivative corresponding to the following formula I:

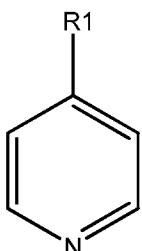
**Formula I**

or a pharmaceutically acceptable salt, isomer and/or mixture thereof, wherein

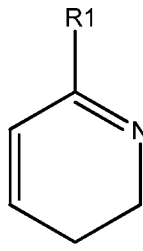
X represents N or ~~CR4~~ or N⁺R4 anhydro base, and ring A, which is in position b corresponds to

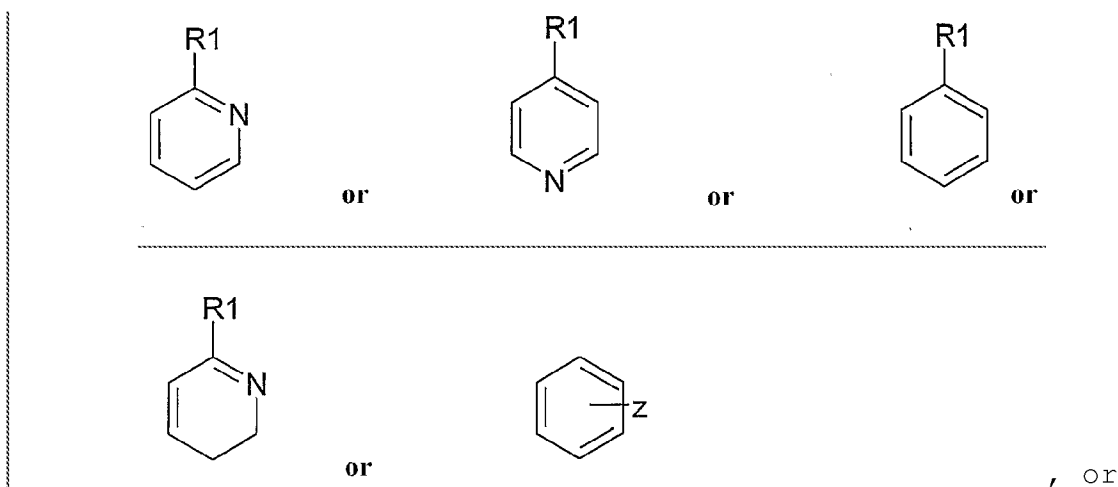


or



or





~~X represents N, and ring A, which is in position a or e corresponds to~~



wherein R1 represents

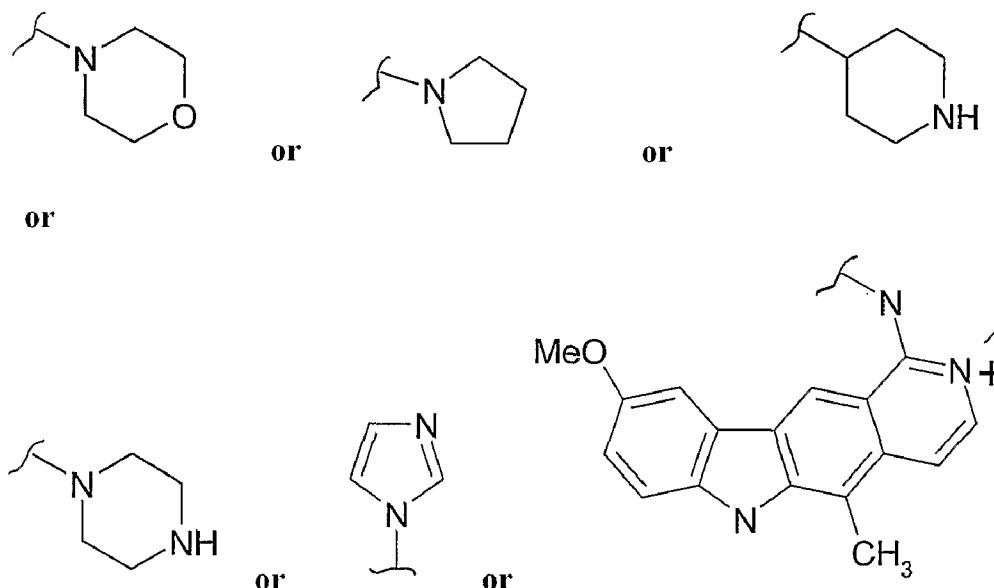
an atom of hydrogen or halogen or a $-C=N-OH$ or $-O-C(=O)(CH_3)$ or $-C\equiv N$ group, or a $-N-R_6R_7$ group,

wherein R6 and R7 represent independently of one another

a hydrogen atom,

a saturated or unsaturated ring having C6, , optionally containing an atom of nitrogen and possibly substituted by one or more alkyl groups at C1 to C3, or

a linear, branched and/or unsaturated alkyl group having C1 to C13 in which one or more atoms of carbon is optionally substituted by an atom of nitrogen, said alkyl group being optionally substituted by one or more $-OH$ and/or $=O$ groups and/or by a group selected from the following compounds:



said group being optionally substituted by an alkyl group at C1 to C3 which itself is possibly substituted by an amino group, or a -NH-R8 group

wherein R8 represents an alkyl-N-R9R10 group,

wherein the alkyl group of said alkyl-N-R9R10 group represents a linear or branched group having C1 to C13 optionally unsaturated and/or substituted by one or more alkyl groups at C1 to C3 and/or hydroxyl groups, and

R9 and R10 represent independently of one another a hydrogen atom or an alkyl group having C1 to C4 optionally substituted by one or more hydroxyl and/or oxo groups,

R2 represents a hydrogen atom, a methyl group or a -NH-(CH₂)₃-N(CH₃)₂ group, ~~or R2 is absent when said ring A is in position a,~~

R3 represents a hydrogen atom, a halogen atom or a methyl, amino or methoxymethyl group, or said -NH-R8 group,

R4 represents a hydrogen atom, a hydroxyl or alkyl group having C1-C6 or a methoxy group optionally substituted by a phenyl group,

R5 represents a hydrogen atom or a methyl or methoxymethyl group when X represents N or ~~CH4~~ or R5 is absent when X represents N⁺R4 anhydro base,

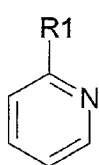
~~Z represents a hydrogen atom or a hydroxyl or methoxy group or O-alkyl-C-O(O-alkyl), with alkyl representing a group having C1-C6,~~

R11 and R12 represent independently of one another a hydrogen atom or an alkyl group having C1-C3, ~~or R11 is absent when said ring A is in position c,~~ and

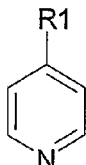
R13 represents a hydrogen atom or a methyl group.

2. (cancelled)

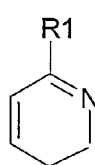
3. (previously presented) The method of claim 1, wherein said compound of pyrido-indole derivative is a derivative of pyrido-pyrrolo-isoquinoline of said formula I, wherein X represents N or N⁺R4 anhydro base, and ring A represents



or



or



wherein R1 represents a halogen atom, an amino group, said -N-R6R7 or said -NH-R8 group,

R2 represents a hydrogen atom or a methyl group,

R3 represents a hydrogen atom or said NH-R8 group,

R4 represents a hydrogen atom or a methyl group,

R5 represents a hydrogen atom or a methyl group when X represents N or R5 is absent when X represents said N⁺R4 anhydro base, and

R11 represents a hydrogen atom or a methyl group.

4. (cancelled)

5. (currently amended) The method of claim 1, wherein said compound is selected from a group consisting of:

~~N⁺-(9-methoxy-5,6,11-trimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-N,N-dimethyl-propane-1,3-diamine,~~

~~N'-(9-methoxy-6,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-N,N-dimethyl-propane-1,3-diamine,~~
 10-chloro-2,6-dimethyl-2H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinoline,
~~9-hydroxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl-acetic acid ester,~~
~~1-(3-dimethylamino-propylamino)-5-methyl-6H-pyrido[4,3-b]carbazol-9-ol,~~
~~9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-carbaldehyde oxime,~~
~~N'-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-11-yl)-N,N-dimethyl-propane-1,3-diamine,~~
~~N,N-diethyl-N'-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-propane-1,3-diamine,~~
 N'-(6,11-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N,N-dimethyl-propane-1,3-diamine,
~~allyl-(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-amine,~~
~~N,N-diethyl-N4-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-pentane-1,4-diamine,~~
 N,N-dimethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-propane-1,3-diamine,
~~9-methoxy-1-{6-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-ylamino)-hexylamino}-2,5-dimethyl-6H-pyrido[4,3-b]carbazol-2-ium iodide,~~
~~{3-[4-(3-amino-propyl)-piperazin-1-yl]-propyl}-9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-amine,~~
~~{3-imidazol-1-yl-propyl}-9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-amine,~~
~~{9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-(2,2,6,6-tetramethyl-piperidin-4-yl)-amine,~~
~~N-ethyl-N-[3-(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-ylamino)-propyl]-succinamic acid,~~
 N-ethyl-N-[3-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-ylamino)-propyl]-succinamic acid,
~~5,11-dimethyl-1-(3-methyl-butylamino)-6H-pyrido[4,3-b]carbazol-9-ol,~~

2-((2-hydroxy-ethyl)-[3-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-ylamino) propyl]-amino)-ethanol,

~~N,N-diethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-ethane-1,2-diamine,~~

~~N'-(9-benzyloxy-6-methoxymethyl-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-N,N-diethyl-propane-1,3-diamine,~~

~~1-(3-diethylamino-propylamino)-6-methoxymethyl-5-methyl-6H-pyrido[4,3-b]carbazol-9-ol,~~

~~9-methoxy-5-methyl-4,6-dihydro-3H-pyrido[4,3-b]carbazol,~~

N-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-propane-1,3-diamine,

~~1-(3-diethylamino-propylamino)-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-9-ol,~~

~~N-(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-propane-1,3-diamine,~~

N-3-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N,N-1-diethyl-butane-1,3-diamine,

~~N,N-diethyl-N'-(9-methoxy-5,6,11-trimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-ethane-1,2-diamine,~~

N-(6,11-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N'-ethyl-propane-1,3-diamine,

~~N-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-propane-1,3-diamine,~~

N'-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N,N-dimethyl-propane-1,3-diamine,

N-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N'-ethyl-propane-1,3-diamine,

~~_9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-carbonitrile,~~
~~1-(3-diethylamino-propylamino)-5-methyl-6H-pyrido[4,3-b]carbazol-9-ol,~~

~~(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-(3-morpholin-4-yl-propyl)-amine,~~

~~N-ethyl-N'-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-propane-1,3-diamine,~~

~~N-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-pentane-1,5-diamine,~~

~~N-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-hexane-1,6-diamine,~~
~~N'-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-N,N-dimethyl-ethane-1,2-diamine,~~
~~N,N-diethyl-N'-(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-propane-1,3-diamine,~~
~~(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-(2-pyrrolidin-1-yl-ethyl)-amine,~~
~~3-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-ylamino)-propane-1,2-diol,~~
~~1-diethylamino-3-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-ylamino)-propan-2-ol,~~
~~(3-imidazol-1-yl-propyl)-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-amine,~~
~~decyl-(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-amine,~~
~~N-(3-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-yl)-butane-1,4-diamine,~~
~~8-methyl-11-(3-methylamino-propylamino)-7H-benzo[c]pyrido[4,3-b]indol-3-ol,~~
~~1-diethylamino-3-(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-ylamino)-propan-2-ol,~~
~~N,N-diethyl-N'-(9-methoxy-5,6-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-ethane-1,2-diamine,~~
~~N,N-diethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-propane-1,3-diamine,~~
~~N-1,N-10-Bis-(3-diethylamino-propyl)-3,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinoline-1,10-diamine,~~
~~N-ethyl-N'-(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-propane-1,3-diamine,~~
~~N-(5,6-dimethyl-5H-benzo[f]pyrido[4,3-b]indol-1-yl)-N'-ethyl-propane-1,3-diamine,~~
~~N'-(9-methoxy-5,6-dimethyl-5H-benzo[f]pyrido[4,3-b]indol-1-yl)-N,N-dimethyl-propane-1,3-diamine,~~
~~1-(3-dimethylamino-propylamino)-5,6-dimethyl-5H-benzo[f]pyrido[4,3-b]indol-9-ol,~~
~~N-(3-methoxy-8-methyl-7H-benzo[c]pyrido[4,3-b]indol-11-yl)-N'~~

~~methyl propane-1,3-diamine,~~

~~5-(7-chloro-10-methyl-11H-benzo[g]pyrido[4,3-b]indol-3-yloxy)~~

~~pentanoic acid ethyl ester,~~

N,N-dimethyl-N'-(10,11-dimethyl-10H-pyrido[3',4':4,5]pyrrolo[3,2-g]quinoline)-4-yl-propane-1,3-diamine,

N,N-diethyl-N'-(10,11-dimethyl-10H-pyrido[3',4':4,5]pyrrolo[3,2-]quinoline)-4-yl-propane-1,3-diamine,

~~N'-(7-methoxy-10,11-dimethyl-10H-pyrido[2,3-b]carbazol-4-yl)-~~

~~N,N-dimethyl propane-1,3-diamine,~~

~~N,N-diethyl N'-(7-methoxy-10,11-dimethyl-10H-pyrido[2,3-b]carbazol-4-yl)-propane-1,3-diamine,~~

~~9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl-amine,~~

~~N,N-diethyl N'-(7-methoxy-11-methyl-10H-pyrido[2,3-b]carbazol-4-yl)-propane-1,3-diamine,~~

N,N-diethyl-N'-(11-methyl-10H-pyrido[3',4':4,5]pyrrolo[3,2-g]quinoline)-4-yl-propane-1,3-diamine,

~~N,N-diethyl N'-(7-methoxy-5,11-dimethyl-10H-pyrido[2,3-b]carbazol-4-yl)-propane-1,3-diamine,~~

N,N-dimethyl-N'-(11-methyl-10H-pyrido[3',4':4,5]pyrrolo[3,2-g]quinoline)-4-yl-propane-1,3-diamine,

~~11-(3-dimethylamino-propylamino)-8-ethyl-7H-benzo[e]pyrido[4,3-b]indol-3-ol,~~

~~7-(3-diethylamino-propylamino)-10,11-dimethyl-11H-benzo[g]pyrido[4,3-b]indol-4-ol,~~

~~11-(3-dimethylamino-propylamino)-7H-benzo[e]pyrido[4,3-b]indol-3-ol,~~

~~N'-(3-methoxy-7H-benzo[e]pyrido[4,3-b]indol-11-yl)-N,N-dimethyl-propane-1,3-diamine,~~

~~N'-8-ethyl-3-methoxy-7-methyl-7H-benzo[e]pyrido[4,3-b]indol-11-yl)-N,N-dimethyl-propane-1,3-diamine,~~

~~11-(3-dimethylamino-propylamino)-8-methyl-7H-benzo[e]pyrido[4,3-b]indol-2-ol,~~

~~N,N-diethyl N'-(3-methoxy-10,11-dimethyl-11H-benzo[g]pyrido[4,3-b]indol-7-yl)-propane-1,3-diamine,~~

~~11-(3-dimethylamino-propylamino)-7,8-dimethyl-7H-benzo[e]pyrido[4,3-b]indol-3-ol,~~

~~7-(3-dimethylamino-propylamino)-10-methyl-11H-~~

~~benzo[g]pyrido[4,3-b]indol-4-ol,~~
~~N'-(2-methoxy-8-methyl-7H-benzo[e]pyrido[4,3-b]indol-11-yl)-N,N-~~
~~dimethyl-propane-1,3-diamine,~~
~~N'-(10,11-dimethyl-11H-benzo[g]pyrido[4,3-b]indol-7-yl)-N,N-~~
~~diethyl-propane-1,3-diamine,~~
~~N'-(7,8-dimethyl-7H-benzo[e]pyrido[4,3-b]indol-11-yl)-N,N-~~
~~dimethyl-propane-1,3-diamine,~~
~~N,N-dimethyl-N'-(10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-yl)-~~
~~propane-1,3-diamine,~~
~~7-(3-diethylamino-propylamino)-10,11-dimethyl-11H-~~
~~benzo[g]pyrido[4,3-b]indol-3-ol,~~
~~N,N-diethyl-N'-(10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-yl)-~~
~~propane-1,3-diamine,~~
~~4-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-ylamine,~~
~~N,N-diethyl-N'-(3-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-~~
~~b]indol-7-yl)-propane-1,3-diamine,~~
~~N'-(4-methoxy-10,11-dimethyl-11H-benzo[g]pyrido[4,3-b]indol-7-~~
~~yl)-N,N-dimethyl-propane-1,3-diamine,~~
~~7-(3-(dimethylamino-propylamino)-10,11-dimethyl-11H-~~
~~benzo[g]pyrido[4,3-b]indol-4-ol,~~
~~N,N-dimethyl-N'-(8-methyl-7H-benzo[e]pyrido[4,3-b]indol-11-yl)-~~
~~propane-1,3-diamine,~~
~~11-(3-dimethylamino-2-methyl-propylamino)-8-methyl-7H-~~
~~benzo[e]pyrido[4,3-b]indol-3-ol,~~
~~N-(3-methoxy-8-methyl-7H-benzo[e]pyrido[4,3-b]indol-11-yl)-~~
~~propane-1,3-diamine,~~
~~11-(3-amino-propylamino)-8-methyl-7H-benzo[e]pyrido[4,3-b]indol-~~
~~3-ol,~~
~~N-(3-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-yl)-~~
~~propane-1,3-diamine,~~
~~N'-(3-methoxy-8-methyl-7H-benzo[e]pyrido[4,3-b]indol-11-yl)-N,N-~~
~~dimethyl-propane-1,3-diamine,~~
~~N'-(4-methoxy-8-methyl-7H-benzo[e]pyrido[4,3-b]indol-11-yl)-N,N-~~
~~dimethyl-propane-1,3-diamine,~~
~~N-(3-amino-propyl)-N'-(3-(3-methoxy-8-methyl-7H-~~
~~benzo[e]pyrido[4,3-b]indol-11-ylamino)-propyl-butane-1,4-~~
~~diamine,~~

~~N-(3-methoxy-8-methyl-7H-benzo[c]pyrido[4,3-b]indol-11-yl)-hexane-1,6-diamine,~~

~~N-[3-(3-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-ylamino)-propyl]-propane-1,3-diamine,~~

~~N-[3-(3-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-ylamino)-propyl]-N-methyl-propane-1,3-diamine,~~

~~N-[3-(3-methoxy-8-methyl-7H-benzo[c]pyrido[4,3-b]indol-11-ylamino)-propyl]-propane-1,3-diamine,~~

N-(5,6-dimethyl-5H-pyrido[3':4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N'-ethyl-propane-1,3-diamine, and
6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl-amine.

6. (cancelled)

7. (currently amended) The method as in claim 1 ~~or 4,~~ wherein said compound is selected from a group consisting of:

10-chloro-2,6-dimethyl-2H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinoline,

N'-(6,11-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N,N-dimethyl-propane-1,3-diamine,

N,N-dimethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-propane-1,3-diamine,

N-ethyl-N-[3-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-ylamino)-propyl]-succinamic acid,

2-[(2-hydroxy-ethyl)-[3-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-ylamino)propyl]-amino-ethanol,

N,N-diethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-ethane-1,2-diamine,

N-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-propane-1,3-diamine,

N-3-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N,N-1-diethyl-butane-1,3-diamine,

N-(6,11-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N'-ethyl-propane-1,3-diamine,

N'-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-

10-yl)-N,N-dimethyl-propane-1,3-diamine,
 N-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-
 10-yl)-N'-ethyl-propane-1,3-diamine,
 (3-imidazol-1-yl-propyl)-(6-methyl-5H-
 pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-amine,
 N,N-diethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-
 g]isoquinolin-10-yl)-propane-1,3-diamine,
 N-1,N-10-Bis-(3-diethylamino-propyl)-3,6-dimethyl-5H-
 pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinoline-1,10-diamine,
 N,N-dimethyl-N'-(10,11-dimethyl-10H-pyrido[3'4':4,5]pyrrolo[3,2-
 g]quinoline)-4-yl-propane-1,3-diamine,
 N,N-diethyl-N'-(10,11-dimethyl-10H-pyrido[3'4':4,5]pyrrolo[3,2-
]quinoline)-4-yl-propane-1,3-diamine,
 N,N-diethyl-N'-(11-methyl-10H-pyrido[3',4':4,5]pyrrolo[3,2-
 g]quinoline)-4-yl-propane-1,3-diamine,
 N,N-dimethyl-N'-(11-methyl-10H-pyrido[3',4':4,5]pyrrolo[3,2-
 g]quinoline)-4-yl-propane-1,3-diamine,
 N-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-
 10-yl)-N'-ethyl-propane-1,3-diamine, and
 6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl-
 amine.

8. (cancelled)

9. (currently amended) The method of claim 1, wherein
 said compound is selected from a group consisting of:

~~N'-(9-methoxy-5,6,11-trimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-~~
~~N,N-dimethyl-propane-1,3-diamine,~~
~~N'-(9-methoxy-6,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-N,N-~~
~~dimethyl-propane-1,3-diamine,~~
 10-chloro-2,6-dimethyl-2H-pyrido[3',4':4,5]pyrrolo[2,3-
 g]isoquinoline,
~~1-(3-dimethylamino-propylamino)-5-methyl-6H-pyrido[4,3-~~
~~b]carbazol-9-ol,~~
~~N'-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-11-yl)-N,N-~~
~~dimethyl-propane-1,3-diamine,~~
~~allyl-(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-~~

~~amine,~~

~~N,N-diethyl-N4-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-pentane-1,4-diamine,~~

~~9-methoxy-1-[6-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-ylamino)-hexylamino]-2,5-dimethyl-6H-pyrido[4,3-b]carbazol-2-ium iodide,~~

~~(3-imidazol-1-yl-propyl)-9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-amine,~~

~~(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-yl)-(2,2,6,6-tetramethyl-piperidin-4-yl)-amine,~~

~~N-ethyl-N-{3-(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-ylamino)-propyl}-succinamic acid,~~

~~N-ethyl-N-[3-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-ylamino)-propyl]-succinamic acid,~~

~~5,11-dimethyl-1-(3-methyl-butylamino)-6H-pyrido[4,3-b]carbazol-9-ol,~~

~~N,N-diethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-ethane-1,2-diamine,~~

~~1-(3-diethylamino-propylamino)-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-9-ol,~~

~~N,N-diethyl-N'-(9-methoxy-5,6,11-trimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-ethane-1,2-diamine,~~

~~N'-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N,N-dimethyl-propane-1,3-diamine,~~

~~1-(3-diethylamino-propylamino)-5-methyl-6H-pyrido[4,3-b]carbazol-9-ol,~~

~~N,N-diethyl-N'-(9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-propane-1,3-diamine,~~

~~1-diethylamino-3-(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbazol-1-ylamino)-propan-2-ol,~~

~~N-(3-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-yl)-butane-1,4-diamine,~~

~~N,N-diethyl-N'-(9-methoxy-5,6-dimethyl-6H-pyrido[4,3-b]carbazol-1-yl)-ethane-1,2-diamine,~~

~~N,N-diethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinoline-10-yl)-propane-1,3-diamine,~~

~~N-(3-methoxy-8-methyl-7H-benzo[c]pyrido[4,3-b]indol-11-yl)-N'~~

~~methyl propane-1,3-diamine,
 4-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-ylamine,
 N-(3-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-yl)-
 propane-1,3-diamine,
 N'-(3-methoxy-8-methyl-7H-benzo[c]pyrido[4,3-b]indol-11-yl)-N,N-
 dimethyl propane-1,3-diamine,
 N-[3-(3-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indol-7-
 ylamino)-propyl]-N-methyl propane-1,3-diamine, and
 6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl-
 amine.~~

10. (previously presented) The method of claim 1, wherein said splicing process is either constitutive or dependent on ESE, ISE, ESS or ISS regulatory sequences.

11. (previously presented) The method of claim 10, wherein said splicing process is either constitutive or dependent on ESE regulatory sequences.

Claims 12-14 (cancelled)

15. (previously presented) The method of claim 1, wherein said medicine further comprises an excipient.

16. (previously presented) The method of claim 15, wherein said medicine is in a solid or liquid form..

17. (previously presented) 10-chloro-2,6-dimethyl-2H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinoline.

Claims 18 and 19 (cancelled)

20. (previously presented) N-ethyl-N-[3-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-ylamino)-propyl]-succinamic acid.

Claims 21-25 (cancelled)

26. (currently amended) A medicine comprising a compound
as in any one of claims ~~17 to 25~~17 and 20.

27. (previously presented) A medicine comprising any one
of the compounds of claim 5.

Claims 28 and 29 (cancelled)